

PISARSKI, Tadeusz; BREBOROWICZ, Henryk; PRZYBORA, Lucjan

Inflammatory fetal changes. Pol. tyg. lek. 17 no.33:1285-1291 13 Ag  
'62.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych AM w Poznaniu; Kierownik prof.dr  
med. Witold Michalkiewicz, i z Zakladu Anatomii Patologicznej AM w  
Poznaniu; kierownik: prof. dr med. Janusz Groniowski.  
(FETAL DISEASES)

BREBOROWICZ, Henryk; KRZYWINSKA, Felicja; PISARSKI, Tadeusz

Behavior of the estrogen level in pregnancy complicated by  
fetal hydrocephalus. Endokr. pol. 14 no.4:329-334 '63.

1. I Klinika Poloznictwa i Chorob Kobiecych A.M. w Poznaniu  
Kierownik: prof. dr W. Michalkiewicz.

(ESTROGENS) (URINE) (FETAL DISEASES)  
(HYDROCEPHALUS) (PREGNANCY COMPLICATIONS)

BREBOROWICZ, Henryk; KRZYWINSKA, Felicja

Relation of urinary estrogens in pregnancy to conditions of the fetus and newborn infant. Endokr. Pol. 15 no. 5:493-499 S-9 '64

I. I Klinika Poloznictwa i Chorob Kobiecych Akademii Medycznej w Poznaniu (Kierownika prof. dr. W. Michalkiewicz).

BREBOROWICZ, Henryk; KRZYWINSKA, Felicja; I SARSKI, Tadeusz

The structure of the placenta and the urinary estrogen level  
during pregnancy. Endokr. Pol. 15 no.6:573-578 N-D '64

1. I Klinika Położnictwa i Chorób Kobiecych Akademii Medycznej  
w Poznaniu (Kierownik: prof. dr. W. Michalkiewicz).

BREBOROWICZ, Henryk; KRZYWINSKA, Felicja

Complicated pregnancy and the urinary estrogen level. Pol. tyg.  
lek. 19 no. 50:1920-1922 14 D '64.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych Akademii Me-  
dycznej w Poznaniu (Kierownik kliniki: prof. dr. med.  
Witold Michalkiewicz).

BREBOROWICZ, Henryk

Role of the adrenal glands in the pathology of pregnancy.  
Ginek. Pol. 36 no.6:697-702 Je '65.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych Akademii Medycznej  
w Poznaniu (Kierownik: prof. dr. med. W. Michalkiewicz).

BREBOROWICZ, Henryk; WOJTOWICZ, Jerzy; WARENICK, Alina; ICIEK, Teresa

The weight of infants at birth and the maternal heart volume.  
Ginek. Pol. 36 no.4:373-377 Ap '65.

1. Z I Kliniki Poloznictwa i Chorob Kobiecych AM w Poznaniu  
(Kierownik: prof. dr. med. W. Michalkiewicz) i z Zakladu  
Radiologii AM w Poznaniu (Kierownik: prof. dr. med. B. Gladysz).

MICHALKIEWICZ, Witold; BREBOROWICZ, Henryk; PISARSKI, Tadeusz

Clinical analysis of protracted labor. Ginek. Pol. 36 no.4:  
391-395 Ap '65.

1. Z I Kliniki Położnictwa i Chorób Kobiecych AM w Poznaniu  
(Kierownik: prof. dr. med. W. Michalkiewicz).

BREBOROWICZ, Henryk

Uterine cervix incompetence. Ginek. Pol. 36 no.4:419-422 Ap '65.

l. Z I Kliniki Poloznictwa i Chorob Kobietych AM w Poznaniu  
(Kierownik: prof. dr. med. W. Michalkiewicz).

MROZEWSKI, Antoni; WOLNA, Maria; BREBOROWICZ, Henryk

Cervical mucus crystallization in the 1st trimester of pregnancy.  
Ginek. Pol. 36 no. 12:1357-1363 D ' 65.

1. Z I Kliniki Poloznictwa i Chorob Kobiecyh AM w Poznaniu  
(Kierownik: prof. dr. med. W. Michalkiewicz).

BREBOVSZKY, Judit

Determination of the quality of the telephone subscriber's system by international parameters. Hir techn 15 no.9:  
265-270 S '64.

1. Experimental Institute of the Hungarian Post, Budapest.

BREBURDA, I.Q.

Comparative investigation of some methods for determining  
the aggregate composition of soils. Vest. Mosk. un. Ser. 6:  
Biol., pochv. 17 no.1:75-80 Ja-F '62. (MIRA 15:1)

1. Kafedra fiziki i melioratsii pochv Moskovskogo universiteta  
i Pochvennyy institut universiteta imeni Yustusa Libikha v  
g. Gissen.  
(Soil physics)

BRECELJ, B.

Yugoslavia (430)

Science

Physicochemical characteristic of synovial exudates  
p. 3. Razprave. Vol. 3, 1951.

East European Accessions List, Library of Congress  
Vol. 2, no. 1-2, Jan.-Feb., 1953, UNCLASSIFIED

BRECELJ, B.

Lumbo-ischialgia of mechanical genesis. Acta chir. iugosl. 1 no.3:  
209-220 1954.

1. Ortopedska klinika Medicinskog fakulteta u Ljubljani (predstojnik  
prof. dr. B.Brecelj.)

(BACKACHE

lumbo-scietic synd., etiol. & surg.)

(SCIATICA

lumbo-sciatic synd., etiol. & surg.)

BREČELJ, B.

Congress of International Association of Orthopedic Surgery and  
Traumatology. Acta chir. iugosl. 1 no.4:390-393 1954.

(ORTHOPEDICS  
congress)

BRECELJ, B.; STUCIN, D.; HELIC, I.

The preservation and use of cadaveric bone homotransplantates in  
orthopedic surgery. Acta med. jugosl. 8 no.2:129-148 1954.

1. Ortopedska klinika i Institut za hemiju Medicinskog fakulteta  
u Ljubljani.

(BONE TISSUE, transpl.  
homografts, ther. use & preserv.)

(TRANSPLANTATION  
bone homografts, ther. use & preserv.)

BRECELJ, Bogdan, akademik dr.

Objective elements in the analysis of diseases of the lumbosacral spine. Voj. san. pregl., Beogr. 11 no.11-12 457-460 Nov-Dec 54.

1. Ortopedska klinika Medicinskog fakulteta u Ljubljani.  
(INTERVERTEBRAL DISK DISPLACEMENT, surg.)  
(BACKACHE  
lumbosciatic synd., conservative ther.)  
(SCIATICA  
lumbosciatic synd., conservative ther.)

Contribution to the knowledge about barium poisoning.

Z. Marek, J. Hennigová, S. Baraníkova, and V.

Braček (Hosp. Pula, Yugoslavia) *Mitteilungen* (Munich)

11, 1953-3 (1957). There were 8 deaths in 14 days of 2 patients after BaCO<sub>3</sub> poisoning. The effect of the poisoning was tested also in rats (electrocardiograms, the coronary symptoms show acute insufficiency, infarction, and necrosis). The toxic dose for humans is 0.2-0.6, the lethal dose 3-4 g./person. Eleven guinea pigs receiving 0.0075-0.015 g. BaCO<sub>3</sub> died within 163 min. to 47 hrs. Three guinea pigs receiving a total of 4.7 g. in small doses within 11 days died thereafter. *Anatole L. Gruber*

BRECHAK, A. M.

Economic efficiency of mechanizing welding processes during  
blast furnace construction. Avtom. svar. 15 no.11:79-83 N '62.  
(MIRA 15:10)

1. Ordona Trudovogo Krasnogo Znameni institut elektrosvarki  
imeni Ye. O. Patona AN UkrSSR.

(Blast furnaces—Design and construction)  
(Electric welding—Equipment and supplies)

BRECHAK, A.M.

Determining the economic efficiency of new methods of welding  
in the construction industry. Avtom.svar. 18 no.1:69-71 Ja '65.  
(MIRA 18:3)

1. Institut elektrosvarki im. Ye.O.Patona AN UkrSSR.

CZECHOSLOVAKIA / General and Specialized Survey  
of Food Stuffs.

Abs Jour : Ref Zhur - Biologiya, No 16, 1958, No. 73695

Author : Brecher, Julius

Inst : Not given

Title : The Seeding Value of the Seeds of Leguminous Plants  
Damaged by the Bruchus Weevil

Orig Pub : Pol'nohospodarstvo, 1957, 4, No 5, 539-564

Author : In laboratory and field experiments, pea, beans, vetch,  
and lentil seeds were sown in which only the endosperm  
was damaged by the bruchid and the seed bud was intact.  
These seeds were recognized as unfit for sowing. The  
degree of decrease in germinating ability depended on  
the size of the gnawed-out cavity and its position in  
the endosperm in relation to the seed bud. The vetch  
and the small-seed lentil had the smallest germinating

Card 1/2

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CZECHOSLOVAKIA/Chemical Technology - Chemical Products and Their Application. Synthetic and Natural Medicinal Substances. Galelicals and Medicinal Forms.

Abs Jour : Ref Zhur -Khimika, No 10, 1959  
Author : Breclj, V., Lence, P.  
Inst :  
Title : Margarine as a Base for the Preparation of Ointments.  
Orig Pub : Farmac. vest., 1957, 8, No 5-6, 49-55.

Abstract : Ointments, based on margarine (M), possess a fine external appearance, consistency and stability (4-7 weeks). It is preferable to produce an aqueous emulsion of the M compound with cetyl alcohol, vasoline or olive oil than with lanoline or spermaceti. Photographs of microscopic investigations of the obtained ointments were submitted. -- I. Matveyeva

Card 1/1

1/-100

BRECHKEVICH, N.

27-12-16/27

AUTHOR: Brechkevich, N., Director of the Industrial Arts School # 42,  
Sverdlovsk

TITLE: The Craftsmanship of Stonecutters (~~Mastersvo kamnerezov~~)

PERIODICAL: Professional'no - Tekhnicheskoye Obrazovaniye, 1957, # 12,  
p 20 (USSR)

ABSTRACT: Long before the 40th Anniversary of the October Revolution  
students of Industrial Arts School #42 at Sverdlovsk started pre-  
paring presents. The article describes 3 objects made by  
stonecutters of jasper, rhodonite, lazurite, serpentine, etc.  
Part of the presents will be exhibited at the Brussels World  
Fair.

ASSOCIATION: Industrial Arts School #42, Sverdlovsk (Khudozhestvenno-remeslennoye  
uchilishche No 42, Sverdlovsk,

AVAILABLE: Library of Congress

Card 1/1

L 27475-66 EWT(m)/T/EWP(t) IJP(c) JD/HW

ACC NR: AP6015626 (N) SOURCE CODE: UR/0413/66/000/009/0033/0033

INVENTOR: Shchesno, L. P.; Goncharevskiy, M. S.; Tsvetun, A. S.; Shapiro, L. A.;  
Brezhevich, V. V.

ORG: none

TITLE: Method of heat treatment of stainless steel tubes. Class 18, No. 181144

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 9, 1966, 33

TOPIC TAGS: steel, stainless steel, steel tube, steel corrosion, intergranular  
corrosion, corrosion preventionABSTRACT: This Author Certificate introduces a method of heat treatment of stainless  
steel tubes. The tubes are vacuum annealed to decarburize the surface layer. Prior  
to vacuum annealing, an oxide film is formed on the tube surfaces by annealing in air  
at approx. 800°C for 10—15 min to prevent intergranular corrosion. [ND]

SUB CODE: 13/ SUBM DATE: 29Jan63/ ATD PRESS: 4260

Card 1/1 BLG

UDC: 621.785.345

SHCHESNO, L.P.; CHEMADUROVA, Ye.Yu.; YAKOVLEVA, G.N.; BRECHKEVICH, V.V.

Methods of determining resistance to intercrystallite corrosion  
of electrically welded pipes. Avtom. svar. 16 no.7:90-94 Jl '63.  
(MIRA 16:8)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut.

(Pipe, Steel--Corrosion)

(Steel, Stainless--Corrosion)

BRECHKO, A.A., inzh.; TSAREGORODTSEV, Yu.G., inzh.

Conveying the used sand from under the shakeout screening  
unit. Lit. proizv. no.11:42 N '65. (MIRA 18:12)

BRECHKO, G. T.

BELONOZHKO, G.A.; MINENKO, Aleksey Yefremovich; BRECHKO, G.T.;  
DANILENKO, A.I.; LAVRIK, V.Ya.; LEVCHUK, G.A.; LUGANSKIY, N.I.;  
MORGUNOV, I.N.; LOKHMATYY, Ye.L. tekhnredaktor

[Organization of medical services in connection with widespread  
contamination and injury of the population] Organizatsiya  
meditsinskogo obespecheniya pri massovykh porazheniyakh naseleniya.  
Pod red. A.E. Minenko. Kiev, Gos. med. izd-vo USSR, 1957.  
494 p. (MLRA 10:5)

(ATOMIC MEDICINE)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206820011-1

HEROLD, M.; BRECKA, A.

10 years of activity of the Research Institute for Antibiotics in  
Roztoky near Prague, 1952-1962. Cesk. farm. 11 no.10:489-500 D '62.  
(ANTIBIOTICS) (BACITRACIN) (PENICILLIN)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206820011-1"

CZECHOSLOVAKIA

HEROLD, M., and BRECKA, A. Research Institute for Antibiotics at Roztoky near Prague (Vyzk. ustan. antibiotik, Roztoky u Prahy).

"Tenth Anniversary of the Foundation of the Research Institute for Antibiotics at Roztoky near Prague, 1952-1962."

Prague, Ceskoslovenska Farmacia, Vol 11, No 10, Dec 62, pp 489-500

Abstract: The original personnel of the Institute were the scientists who were in charge of penicillin production in Czechoslovakia. Later a significant number of research workers was added.

First section of the article reviews the activities of the institute in general, 146 references, all Czech. Second section describes the work connected with 6 spiro-penicilllic acid and describes its industrial production and the anal-

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CZECHOSLOVAKIA

Prague, Ceskoslovenska Farmacie, Vol 11, No 10, Dec 62, pp 483-500.

ytical control method required.29 references,23 Western,3 Japanese,3 Russian.Third section describes the production of 6-azauracil riboside according to the method developed at the Institute.It gives also information concerning the analytical methods necessary to control this production.1 Figure,27 references,18 Western,9 Czech.Fourth section deals with the methods of production of bacitracin and indicates the analytical control methods for this product.1 Figure,19 references,17 Western,1 Czech,1 Japanese.Fifth section describes the new production method for the generation of amino acids developed at the Institute.It uses biosynthesis and is based on original work performed in Japan.Suitable methods for the analytical control of this production are given.1 Table,3 Figures,22 references,5 Western,1 Czech,14 Japanese,2 Russian.

2/2

BRECKA, MIROSLAV, As. MUDr

BRECKA, Miroslav, As. MUDr

Indication for cesarean section with regard to the effect on the fetus. Cesk.gyn. 19 no.4:227-230 July 54.

1. Z Por. gyn. klin. v Plzni; predn. prof. MUDr. Vl.Mikulas.  
(CESAREAN SECTION  
indic., eff. on fetus)

BRECKA, Miroslav, MUDr (Plazen, Capkovo nam. 1716)

Advanced ectopic pregnancy. Lek. listy 9 no.13:291-294 J1 '54.

1. Z porodnicke a gyn. kliniky v Plzni. Prednosta prof. MUDr  
Vladimir Mikolas.  
(PREGNANCY, ECTOPIC,  
\*advanced)

BRECKA, Miroslav, MUDr.

One thousand deliveries without maternal death. Cesk. gyn.  
21-35 no.1:69-72 Feb 56.

1. Z por. gyn. kliniky KU v Plzni. Predn. prof. MUDr.  
Vladimir Mikolas.

(DELIVERY,

statist. analysis of 1000 deliveries without  
maternal death. (Cx))

BRECKA, Miroslav, MUDr.; MATHESIUS, Vilém, MUDr.

Importance of neonatal trauma of obscure origin. Česk. pediat.  
11 no.10:752-760 Oct 56.

1. Z porodnické a gynekologické kliniky v Plzni--predn. prof.  
MUDr. Mathesius.

(INFANT MORTALITY, etiology and pathogenesis  
trauma of obscure origin in newborn in Czech. (Cz))  
(WOUNDS AND INJURIES, in infant and child  
in newborn in Czech., trauma of obscure origin causing  
death (Cz))

BRECKA, Miroslav

On the problem of complex dystocia. Cesk. gym. 26 [40] no.7:496-  
49, Ag '61.

1. Gyn. por. odd. OUNZ v Klatovech, prim. MUDr. Mir. Brecka.  
(DYSTOCIA)

BRECKOVA, V.

We were among the pioneers. p. 295. (Kridla Vlasti, No. 10, May 1957, Praha,  
Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

BRED, A. (Riga)

M.V.Lomonosov and geography. Geog.v shkole 24 no.6:32-35 N-D  
'61. (MIRA 14:10)

(Lomonosov, Mikhail Vasil'evich, 1711-1765)

BREDS, Andrejs; SNITKO, Konstantins; LIELAIS, A. [translator]; ANDERSONE,M.,  
red.; SUDARS, J., tekhn. red.

[Geography of the Latvian S.S.R.; textbook for grade 9 of  
secondary schools] Latvijas PSR geografija; macibu gramata vidus-  
skolu IX klasei. Riga, Latvijas Valsts izdevnieciba, 1959. 82 p.  
(MIRA 15:4)  
(Latvia--Geography)

BRED, ANDREY ANDREYEVICH

35M/6  
621.10  
.B8

GEOGRAFIYA LATVIYSKOY SSR; UCHEBNIK  
DLYA 9. KLASSA SREDNEY SHKOLY / GEO-  
GRAPHY OF LATVIAN SSR, BY A. BRED I  
K. SHNITKO. RIGA, LATVIYSKOYE GOS.

IZD-VO, 19

V. ILLUS., DIAGRS., MAPS.

INCLUDES BIBLIOGRAPHY.

LIB. HAS: 1956  
1957

BRED, ANDREY ANDREYEVICH

Geografiya Latviyskoy SSR; Uchebnik Dlya 9. Klassa  
Sredney Shkoly (by) A. Bred I. K. Shnitko. Riga,  
Latviyskoye Gos. Izd-vo, 1957.  
91 p. Illus.

*BREDA*

80. Viewpoints on the analysis of high-speed burning  
Gy. Oroszi, F. Mancayev, Vol. 7, 1956, No. 7, pp.  
203-210, 7 figs.

*stop / March*

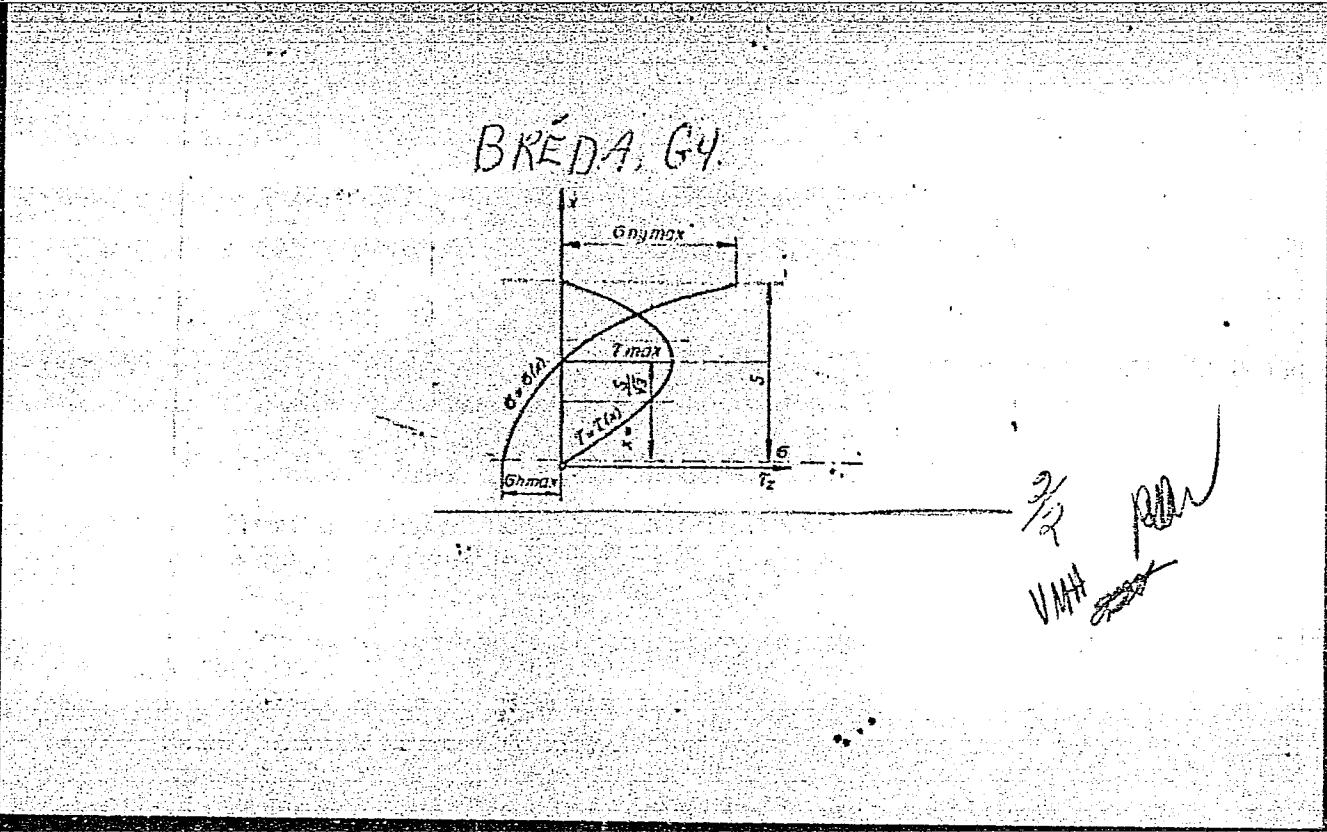
According to Hooke's law ( $\sigma = \alpha E A \theta$ ) tensile or compressive forces arise as a result of differences in temperature due to heating. It was established that shear stresses ( $\tau$ ) are caused by the unilateral changes of the surface thermal stress in the direction the body travels. According to theoretical considerations normal stresses can be determined in a body of  $S$  thickness and at unilateral heating by equation  $\sigma = \frac{\alpha E k}{2\lambda} x^2 - \frac{1}{3} \frac{\alpha E k S}{2\lambda}$ , and shear stresses are distributed along

the thickness as expressed by equation  $\tau = \left( \frac{\alpha E k}{2\lambda} x^2 - \frac{1}{3} \frac{\alpha E k S}{2\lambda} \right) \frac{dx}{dz}$ .

The reduced stress determinable by the above stresses ( $\sigma$  and  $\tau$ ) must conform to the qualities of the material.  $\frac{dx}{dz}$  expresses the change of the surface thermal stress in the direction the body travels, the other symbols denoting physical properties of the material, determining the limit speed of high-speed burning. The shortest time required for the crack-free burning of bricks is calculated as an example.

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CIA-RDP86-00513R000206820011-1"

Breda, Gy.

Manufacturing gravel from pulverized coal ash. p. 308

EPITOANYAG. (Epitoanyapipari Tudomanyos Egyesulet)  
Budapest, Hungary. Vol. 11, no.9, September 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no.11  
November 1959  
Uncl.

BREDA, Mieczyslaw

Export of Polish scientific thought to the United States. Przegl techn  
no.17:6 Ap '62.

1. Zaklad Wspolpracy z Zagranica, Centralny Instytut Informacji  
Naukowo-Technicznej i Ekonomicznej, Warszawa.

PYKHTIN, P. I.; BREDA, V. N.; KOZHARINOV, B. I., tekhnolog

Assembly-line methods in preparing containers. Teks.prom.  
15 no.6:38-40 Je '55. (MIRA 8:7)

1. Direktor mekhanicheskogo zavoda Tashkentskogo khlopchato-bumazhnogo kombinata imeni Stalina (for Pykhtin) 2. Nachal'nik ot dela truda i zarplaty zavoda (for Breda).  
(Box making)

BREDA, V.N.

Over-all founding mechanization. Tekst.prom. 17 no.2:57-60 F '57.  
(MLRA 10:2)

1. Rukovoditel' gruppy truda mekhanicheskogo zavoda Tashkentskogo  
tekstil'nogo kombinata.  
(Tashkent--Textile machinery) (Founding)

BREDA, V.N.

Technical standards for one-piece and small-scale production.  
Tekst.prom. 17 no.12:39-42 D '57. (MIRA 11:1)

1. Starshiy tekhnolog zavoda "Tashkhlopkomash".  
(Textile machinery--Maintenance and repair)  
(Factory management)

BREDA, V.N.

Establishing norms for making punching dies. Stan.i instr. 29  
no.6:42-43 Je '58. (MIRA 11:7)  
(Dies (Metalworking))

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206820011-1

BREDE, Jozef, Z.

Because of defective production no plant renumeration fund.  
Przem mat bud 9 no.25:4 18 Je '62.  
1. Kierownik Bazy No.1 Katowickiej Centrali Materialow  
Budowlanych, Bytom.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206820011-1"

BREDE, Jozef Z.

In order to satisfy the market demands; on the supply of  
building materials. Przem mat bud 9 no.26:1, 3 25 Je '62.

L-50235-65	SWT(1)/FCC	GW
ACCESSION NR: AP5015324		UR/0286/65/000/009/0079/0079 531.787:621.3.067-002.56
B		
AUTHOR: <u>Auzin'sh, Ya. Yu.; Brede, Ya. F.; Ventin'sh, Ya. Ya.; Meyyershteyn, A. I.</u>		
TITLE: A device for calibrating pressure transducers in hydrometeorological instruments, e.g., radiosondes. Class 42, No. 170712		
SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 9, 1965, 79		
TOPIC TAGS: instrument calibration, meteorological instrument, radiosonde, photo cell, manometer		
ABSTRACT: This Author's Certificate introduces: 1. A device for calibrating pressure transducers in hydrometeorological instruments, e.g. radiosondes. The unit contains an automatic recorder, a pneumatic system, photocells which are connected to a control unit, and a mercury manometer. The measurement arm of the manometer is connected to a pressure chamber which contains the radiosondes to be calibrated. The instrument is designed for improved efficiency and accuracy of calibration. Stationary screens are mounted along the measurement arm of the cistern-siphon manometer. These screens have diaphragms at levels which correspond to the measurement		
Card 1/3		

L 50735-65

ACCESSION NR: AP5015324

program. The device also contains a movable rack which is connected with a step mechanism and has a single aperture opposite each photo relay. 2. A modification of this device which has a photo relay mounted at the reading level and connected through a control unit to the feed for the manometer tank. In this way the level of the mercury in the neutral arm of the manometer can be automatically maintained at a constant level and errors caused by changes in atmospheric pressure and mercury evaporation can be eliminated.

ASSOCIATION: Tsentral'noye proyektno-konstruktorskoye byuro mekhanizatsii i avtomatizatsii SNKh Latviyskoy SSR (Central Planning and Design Office for Mechanization and Automation, SNKh Latvian SSR)

SUBMITTED: 20Dec62

ENGL: 01

SUB CODE: IE, ES

NO REF SCV: 000

OTHER: 000

Card 2/3

1 50735-55

ACCESSION NR: AP5015324

ENCLOSURE: 01

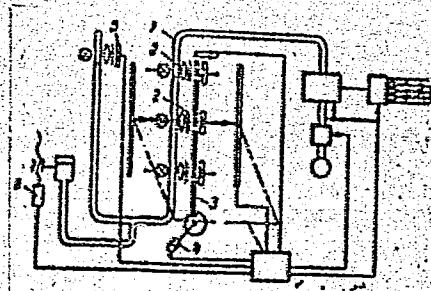


Fig. 1. 1--measuring arm of the manometer; 2--stationary elements with diaphragms; 3--movable rack connected to stepper; 4--stepper; 5--photo relay; 6--feed for the manometer tank

ml  
Card 3/3

Law of extinction of phosphorescence in ~~metaphosphorus~~  
photo. V. V. Il'inskii (V. I. Lenin State Pedagogic Inst.,  
Moscow). *Zhurn. Akad. Nauk S.S.R.* 103, 737-80  
(1953). Extinction curves of fluorescein-activated ( $10^{-3}$   
g./g.) mithaboric phosphor were recorded with a photoelectric  
phosphorescope. At room temp. during 0.1-3.0 sec. In  
intervals the av. extinction time ( $\tau_1$ ) was 1.19 sec. (with 570  
m $\mu$  filter), during 3.0-0.0 sec. intervals the  $\tau_1$  was 1.20  
sec. with 3 different filters (485, 530, and 542 m $\mu$ ). At  
liquid-N temp. with 510, 515, 530, 542, 570, and 603 m $\mu$   
filters the  $\tau_1$  was 3.37, 3.10, 3.14, 8.09, 2.88, 2.52, and  
0.672, 0.639, 0.914, 0.936, 0.431, 0.400 sec., resp. Rate  
of cooling had a pronounced effect on the values of  $\tau$ . Thus,  
the  $\tau_1$  and  $\tau_2$  of the rapidly cooled sample were 3.09 and 0.082  
sec., resp.; when the sample was gradually cooled the values  
were:  $\tau_1 = 2.05$  sec.,  $\tau_2 = 0.305$  sec. Because the explanation  
of Jablonski (C.A. 29, 4200) involving a scheme based  
on one metastable state was insufficient to describe the ob-  
servations, a different equation of extinction of phosphores-  
cence was derived,  $I = I_0(e^{-\gamma_1 t} - e^{-\gamma_2 t})/t$ . Here,  $I$  =  
intensity of phosphorescence,  $I_0$  = const.,  $t$  = time,  $\gamma_1 = \omega_1 +$   
 $\rho\lambda$ , and  $\gamma_2 = \omega_2 + \rho\lambda_2$  (where,  $\omega_1$  and  $\rho$  are consts. related  
to the probability of extinction and  $\lambda_1$ ,  $\lambda_2$  wave lengths de-  
scribing the spectral position of the phosphorescence). Plots based on this equation were in good agreement with the  
exptl. results. This correlation allowed more accurate  
calculation of the extinction period of long-wave phosphorescence  
of fluorescein itself, which was 4.8 sec. A. P. Kotloby

S. G. S. A., U. S. A.

"Law of the Extinction of the Phosphorescence of Organic Luminescences." Cand. Phys.-Math  
Sci., Moscow State Pedagogical Inst. imeni V. I. Lenin, 15 Feb 54. Dissertation  
(Vechernaya Moskva - Moscow, 3 Feb 54)

SO: SUM 136, 19 Aug 1954

BREKDEL', V.V.

Law of phosphorescence decay for organic luminescent substances.  
Dokl.AN SSSR 103 no.5:787-790 Ag '55. (MLRA 9:1)

1.Moskovskiy gosudarstvennyy pedagogicheskiy institut imeni V.I.  
Lenina. Predstavлено академиком А.Н.Tereninym.  
(Phosphorescence) (Luminescence)

33139

21.600°

S/120/61/000/006/005/041  
E032/E114

AUTHORS: Bredel', V.V., Mikheyev, V.L., and Polikanov, S.M.

TITLE: Silicon detectors for heavy charged particles

PERIODICAL: Pribory i tekhnika eksperimenta, no.6, 1961, 44-48

TEXT: The authors describe a method of preparation of charged-particle detectors using n-type silicon. The method is based on the work of G. Dearnaley and A.B. Whitehead (Ref. 7; Report AERE - R3437, Harwell, Berkshire, 1960). The n-type crystals (140 ohm.cm) were cut into plates of  $5 \times 5 \times 1 \text{ mm}^3$  or  $2 \times 2 \times 1 \text{ mm}^3$  so that the large face corresponded to the (111) orientation, i.e. it was perpendicular to the direction of growth of the crystal. The specimens were then polished with the aid of a rotating disc, the abrasive being fine silicon carbide powder deposited on a silk surface. The crystals were then washed in water and afterwards placed for ten minutes in boiling concentrated nitric acid. They were placed (for about ten minutes) in a mixture consisting of two parts of concentrated (90%) nitric acid, one part of glacial acetic acid and one part of

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Silicon detectors for heavy charged... S/120/61/000/006/005/041  
E032/E114

40% hydrofluoric acid. In the next stage the mixture was gradually diluted with distilled water. The washed crystals were dried with filter paper and placed in a drying cabinet maintained at 100 °C. 100 $\mu$  copper foils were attached on either side of the crystal with the aid of the  $\delta\Phi$ -2 (BF-2) adhesive and the assembly was placed between two mica plates, one of which had a rectangular aperture cut in it. This aperture is indicated by the dashed line in Fig. 2. Both sides of the crystal and foil were covered with a layer of gold (evaporated in vacuum) to a thickness of 100-200 $\mu$ g per cm<sup>2</sup>. Experiments were then carried out to determine the maximum bias which can be applied to the detector without breakdown. The better of the two sides was chosen as the working side and the detector was finally placed in a plastic holder using the BF-2 adhesive to keep it in position. Measurements showed that the detectors had a practically constant resolution of about 2.5% for bias voltages between about 15 and 90 volts (cm<sup>2</sup>42 $\alpha$ -particles). Above 90 volts the resolution increases, reaching about 6% at about 100 volts (6 MeV). A 30% improvement in the resolution can be obtained by reducing the temperature of the detector to the

Card 2/4

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Silicon detectors for heavy ....

S/120/61/000/006/005/041  
E032/E114

temperature of liquid nitrogen. The detector was found to be linear for  $\alpha$ -particles between 5.3 and 8.78 MeV. A study was also made of the effect of the magnetic field on silicon p-n detectors and it was found that the amplitude of the pulses is independent of the magnetic field up to 12 kOe. Acknowledgments are expressed to G.N. Flerov for suggesting this work, to S.M. Ryvkin and his associates at LFTI AN SSSR for their advice about semi-conducting devices. Acknowledgments are also expressed to I.I. Chuburkova and B.V. Fefilov.

There are 10 figures and 8 references: 2 Soviet-bloc and 6 non-Soviet-bloc. The four most recent English language references read as follows:

- Ref.4: S.S. Friedland, J.W. Mayer, J.S. Wiggins.  
Nucleonics, v.18, no.2, 1960, 28.  
Ref.6: M.L. Halbert, J.L. Blankenship.  
Nucl. Instrum. and Methods, v.8, 1960, 106.  
Ref.7: in text above.  
Ref.8: Seventh Scintillation Counter Symposium,  
IRE Trans. Nucl. Sci., v. HS-7, no.2-3, 1960.  
Card 3/4

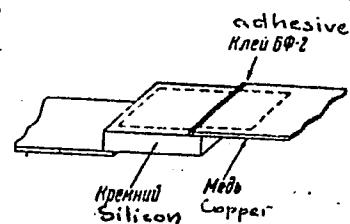
33139

Silicon detectors for heavy charged... S/120/61/000/006/005/041  
E032/E114

ASSOCIATION: Ob'yedinennyj institut yadernykh issledovaniy  
(Joint Institute of Nuclear Research)

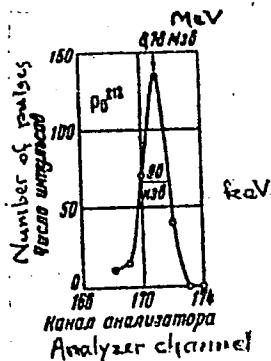
SUBMITTED: April 3, 1961

Fig. 2



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Fig. 5: Spectrum of Po<sup>212</sup> α-particles  
(sensitive area of detector  
0.1 cm<sup>2</sup>)



BREDEL', V.V., V.V.; GVOZDEV, B.A.; FOMICHEV, V.A. [deceased]

Relation of the cross sections of formation of Sc<sup>44</sup>, Sc<sup>44m</sup>  
isomer pairs in reactions involving heavy ions. Zhur. eksp. i  
teor. fiz. 45 no.4:904-909 O '63. (MIRA 16:11)

1. Ob'yedinennyi institut yadernykh issledovaniy.

FOMTCHEV, V.A. [deceased]; GVOZDEV, B. ...; ~~KALININ, V.V.~~

Ratio of the cross sections of the production of the isomeric pair  $\text{Sc}^{44,44}\text{m}$  in reactions of direct interaction with heavy ions. Zhur.eksp.i teor.fiz. 46 no.6:2017-2032 Ja '64.

1. Ob'yedinennyj institut yadernykh issledovaniy.

(MIR 37:10)

ACCESSION NR: AP4042561

S/0056/64/046/006/2017/2022

AUTHORS: Fomichev, V. A. (deceased); Gvozdev, B. A.; Bredel', V. V.

TITLE: Ratio of cross sections for the production of the Sc-44,  
44m isomer pair in the reactions of direct interaction with heavy ions

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 6, 1964, 2017-2022

TOPIC TAGS: scandium, isomerism probability, ion interaction, direct  
interaction, stripping reaction

ABSTRACT: This is a continuation of an earlier investigation (ZhETF, v. 45, 104, 1963) devoted to the energy dependence of the production cross sections of Sc<sup>44,44m</sup> in heavy-ion reactions proceeding via compound-nucleus formation. To determine the energy dependence of the cross sections for the formation of the isomer pair Sc<sup>44,44m</sup> in reactions with heavy ions, when complete fusion of the nuclei does

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ACCESSION NR: AP4042561

not occur, the authors measured the  $\text{Sc}^{44m}/\text{Sc}^{44}$  isomer ratio in neutron stripping reactions induced by irradiating Sc with  $\text{O}^{16}$  or  $\text{Ne}^{22}$  ions. The irradiation was carried out in the internal beam of the U-300 cyclotron of OIYAI; the targets were thin layers of scandium of varying thickness on various substrates, depending on the bombarding gas. The gamma radiation from the specimen was measured in a scintillation spectrometer with a 100-channel analyzer. The results show that in many-nucleon transfers (3pn), the isomer ratio in the  $\text{Al}^{27} + \text{Ar}^{40} \rightarrow \text{Sc}^{44, 44m}$  reaction becomes nearly equal to 6.5, i.e., larger than in reactions of complete fusion of nuclei. In the case of one-neutron transfer reactions, the isomer ratio is of order of unity and independent of the energy, being somewhat larger for neon ions than for the oxygen ions. "The authors are grateful to G. N. Flerov, S. M. Polikanov, and Ye. D. Donets for a discussion of this work, and to A. N. Filipson and his crew for operating the cyclotron." Orig. art. has: 7 figures and 2 formulas.

Card 2/3

ACCESSION NR: AP4042561

ASSOCIATION: Ob"yedinenny\*y institut yaderny\*kh issledovaniy (Joint Institute of Nuclear Research)

SUBMITTED: 19Jan64

DATE ACQ:

ENCL: 00

SUB CODE: NP

NR REF SOV: 004

OTHER: 003

Card 3/3

1. BREDELEV, N. V., Eng.
2. USSR (600)
4. Lumbering
7. Locking ring for log-pulling cable. Les. prom. 12 no. 12 1952.
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

1. BREDELEV, N. V., Eng.
2. USSR (600)
4. Emetsk District - Lumbering
7. Developments in logging operations at the Pukshen'ga lumber camp. Les prom. 13, No. 5, 1953.
  
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

BREDELEV, N.

"Technological developments in forest exploitation in the Pukshen'ga Lumber Camp." Tr. from the Russian. p. 52. (ANALELE ROMANO-SOVIETICE. SERIA SILVICULTURA-INDUSTRIALA LEMINULUI SI A HARTIEI, Series a II-a, Vol. 7, no. 4, July/Aug. 1953, Series a II-a, Vol. 7, no. 5, Sept./Oct. 1953, Bucuresti, Rumania)

SO: Monthly List of East European Accessions, L. C., Vol. 3, No. 4, April 1954, Unc1.

BELOZERTSEV, Vasiliy Yefimovich, kandidat tekhnicheskikh nauk; BREDELEV,  
Nikolay Vasil'yevich; AERAMOV, D.A., redaktor; SHAKHOVA, L.I.,  
redaktor izdatel'stva; SHITS, V.P., tekhnicheskiy redaktor

[Reducing labor loss in preparatory and auxiliary operations in  
lumber enterprises] Snizhenie trudovykh zatrata na podgotovitel'-  
nykh i vspomogatel'nykh rabotakh v lespromkhozakh. Moskva, Gos.-  
lesbumizdat, 1956. 28 p.  
(MLRA 9:12)  
(Lumbering)

BREDELEV, Nikolay Vasil'yevich [deceased]; ORESHKIN, B.S., red.;  
~~SAMATSKAYA, G.I.~~, red.izd-va; SHITS, V.P., tekhn.red.

[Layout of decking grounds and landings] Organizatsiya  
verkhnikh skladov i pogruzochnykh punktov. Moskva, Gosles-  
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(Lumbering)

183T95

BREDEN-KOBETSKAYA, T. O.

USSR/Physics - Academy of Sciences

May 51

"Bibliography of the Works of S. I. Vavilov," T. O.  
Breden-Kobetskaya

"Uspekhi Fiz Nauk" Vol XLIV, No 1, pp 136-169

Long list of the hundreds of works of deceased S. I.  
Vavilov published from 1913 to 1950, consisting of  
books, articles, translations, commentaries, etc.,  
classified by subject and date.

183T95

**"APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206820011-1**

ANDREYEVA, Z. F., LISHCHENKO, T. V., BREDENFEL'D., N. V., ROZHDESTVENSKAYA, O. I.

"Trilon B in the Ion Exchange Separation of Less Common Rare Earth Elements."

Rare Earth Elements (Extraction, Analysis, Use), Published by the Institute of  
Geochemistry and Analytical Chemistry Imeni V. I. Vernadskiy, 1958, Moscow.

(Giredmet - State Rare Metals Scientific Research Institute and Moscow Agricultural  
Academy im K. A. Timiryazev), p. 100-107.

**APPROVED FOR RELEASE: 06/09/2000 CIA-RDP86-00513R000206820011-1"**

BREDICHIN, N.

Increasing the role of workers in the improvement of technical standardization of work. Prace mzda 11 no.5:244-247 My '63.

1. Vedouci oddeleni prace a mezd ustredniho vyboru Odboroveho svazu zamestnancu ve strojirenstvi.

BREDIG, G.

6X<sup>2</sup>

Bredig, G., Koenig, A., and Wagner, O. H.

The Formation of Hydrazine in the Decomposition of Ammonia by an Electric Discharge.

Z. physik. Chem., V. 139A, 1928, pp. 211-223

Chem. Abst., Vol. 24, p. 3954

A luminous discharge was passed through an NH<sub>3</sub> atm. in a Siemens tube, at atm. and at reduced pressures. Both a.c. and d.c. were used, and also a well-cooled high-tension arc. Small c.d. and high gas velocities favor the formation of hydrazine. The formation of the hydrazine was controlled by spectroscopic analysis.

COUNTRY	: GDR	B-8
CATEGORY	Physical Chemistry, Thermochimistry, Thermodynamics, Equilibrium, Physicochemical analysis, Phase transformations.	
ABS. JOUR.	: RZhKhim., No. 16 1959, No.	56390
AUTHOR	Bredik, M. A.	
INST.	Not given	
TITLE	On the Polymorphism of Calcium Carbide	
ORIG. PUB.	Z anorg & allgem Chem, 298, No 5-6, 255-257 (1959)	
ABSTRACT	The author has verified recently published data (RZhKhim, No 16, 1958, 53182) on the existence of a new modification (form V) of calcium carbide the x-ray diffraction pattern of which is claimed to resemble that of $\text{Ca}_7\text{C}_2$ . The results obtained by the author indicate that the conclusion concerning the existence of $\text{CaC}_2$ in form V is erroneous and is based on an incorrect interpretation of the x-ray data obtained. A. Zolotarevskiy	
CARD	1/1	

ZAGAYKEVICH, N.K., kand. sel'skokhoz. nauk; IL'KUN, G.M., kand. biolog. nauk;  
POGREBNYAK, P.S., akademik; RUDNEV, D.F., prof., doktor biolog. nauk;  
FLOROVSKIY, A.M., kand. sel'skokhoz. nauk [deceased]; BREDIKHIN, A.M.,  
red.; TRUKHINA, O.N., tekhn. red.

[New methods for the afforestation of rolling sands] Novye sposoby ob-  
leseniiia bugristykh peskov. By N.K.Zagaikevich i dr. Moskva, Gos.  
izd-vó sel'khoz. lit-ry, 1961. 216 p. (MIRA 14:8)

1. AN Ukrainskoy SSR (for Pogrebnyak)  
(Afforestation) (Sandy soils)

YUSHKEVICH, G.F., otv. za vypusk; GRIGOR'YEV, Ye.P., red.; BREDIKHIN,  
A.M., kontrol'nyy red.

[Instruments based on the application of radioisotopes and  
radiation; catalog] Pribory, osnovанные на применении радио-  
активных изотопов и излучения; каталог. Moskva, 1959.  
31 p. (MIRA 12:11)

1. Mezhdunarodnaya peredvizhnaya vystavka priborov i sredstv  
izmereniya, primenayemykh pri issledovaniyakh v sel'skokho-  
zyaystvennykh nauchnykh uchrezhdeniyakh.  
(Radioisotopes--Industrial applications) (Instruments)

VYSOTSKIY, Georgiy Nikolayevich, akademik (1865-1940); BREDIKHIN, A.M.,  
red.; ZUBRILINA, Z.P., tekhn.red.; DEYEVA, V.M., tekhn.red.

[Selected works] Izbrannye trudy. Moskva, Gos.izd-vo sel'khoz.  
lit-ry, 1960. 434 p. (MIRA 13:12)  
(Forests and forestry) (Forest influences)

BORODIN, M.M.; CHULITSKIY, L.D.; BREDIKHIN, A.M., red.; TRUKHINA, O.N.,  
tekhn. red.

[Establishing norms in forestry] Normirovaniye truda v lesnom  
khozaiistve. Moskva, Izd-vo sel'khoz.lit-ry, zhurnalov i pla-  
katov, 1961. 286 p. (MIRA 15:1)  
(Forest norms) (Lumbering)

TSEPLYAYEV, Vasiliy Petrovich; BREDIKHIN, A.M., red.; BALLOD, A.I.,  
tekhn. red.

[Forests of the U.S.S.R.; economic features] Lesa SSSR; kho-  
ziaistvennaia kharakteristika. Moskva, Gos. izd-vo sel'khoz.  
lit-ry, 1961. 455 p. (MIRA 14:5)  
(Forests and forestry--Economic aspects)

PADIY. Nikolay Nikolayevich; BREDIKHIN, A.M., red.; PEVZNER, V.I.,  
tekhn. red.

[Brief guide to pests feeding on needles and leaves] Kratkii  
opredelitel' khvoe-i listoglyzushchikh vreditelei. Moskva,  
Gos. izd-vo sel'khoz. lit-ry, 1961. 78 p. (MIRA 14:8)  
(Forest insects—Identification)

IL'INSKIY, Andrey Ignat'yevich; BREDIKHIN, A.M., red.; PEVZNER, V.I.,  
tekhn. red.; SOKOLOVA, N.N., tekhn. red.

[Guide to forest pests] Opredelitel' vreditelei lesa. Moskva,  
Sel'khozizdat, 1962. 391 p. (MIRA 15:6)  
(Forest insects)

BREZHNEV, I.Ye.; IHRAGIMOV, G.R.; POTLAYCHUK, V.I.; BREDIKHIN, A.M.,  
PEVZNER, V.I., tekhn. red.; TRUKHINA, O.N., tekhn. red.

[Guid to fungi occurring on the fruit and seeds of trees and  
shrubs] Opredelitel' gribov na plodakh i semenakh drevesnykh i  
kustarnikovykh porod. Moskva, Sel'khozizdat, 1962. 414 p.  
(MIRA 16:1)

(Woody plants—Diseases and pests)  
(Fungi, Phytopathogenic)

EYTINGEN, Grigoriy Romanovich (1889-1959); ANUCHIN, N.P., prof.;  
BREDIKHIN, A.M., red.; PROKOF'YEVA, L.N., tekhn. red.;  
SOKOLOVA, N.N., tekhn. red.

[Selected works] Izbrannye trudy. Moskva, Sel'khozizdat, 1962.  
499 p. (MIRA 16:2)

1. Chlen-korrespondent Vsesoyuznoy akademii sel'skokhozyaystvennykh nauk imeni V.I.Lenina (for Anuchin).  
(Forests and forestry)

VORONTSOV, A.I.; SEMENKOVA, I.G.; BREDIKHIN, A.M., red.; TRUKHINA,  
O.N., tekhn. red.

[Forest protection] Lesozashchita. Moskva, Sel'khozizdat,  
1963. 523 p. (MIRA 16:8)  
(Forest protection)

AKIMOV, Petr Aleksandrovich; BREDIKHIN, A.M., red.; KRYLOVA, V.I.,  
red.; BALLOD, A.I., tekhn. red.; DEYEVA, V.M., tekhn.  
red.

[Ornamental trees and shrubs] Dekorativnye derev'ia i ku-  
starniki. Moskva, Sel'khozizdat, 1963. 262 p.  
(MIRA 17:3)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206820011-1

BUDEK I.I., Aleksandr Nikolaevich.

FUNDAMENTALS OF RIGGING OPERATIONS  
IN MINE PITS. Sverdlovsk, Gos. nauch.-tekhn. izd-vo lit-ry po chernoi  
metallurgii, 1944. 132 p. (49-52951)

TN345.B6

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CIA-RDP86-00513R000206820011-1"

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206820011-1

*BREDIKHIN A.N.*

SHEVYAKOV, L.D., akademik; BREDIKHIN, A.N., dotsent; BUCHNEV, V.K., redaktor; RATNIKOVA, A.P., redaktor; ALADOVA, Ye.I., tekhnicheskiy redaktor.

[Mining drainage] Shakhtnyi vodootliv. Izd. 4-e, perer. Moskva, Ugle-tekhisdat, 1954. 282 p. [Microfilm]  
(Mine water) (MLRA 7:11)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000206820011-1"

BREDIKHIN, A.N., dotsent.

Capacity calculation for a section transformer substation based  
on the stability of maximum loads, choice of the transformer and  
determination of power engineering indexes. Ugol' 30 no.12:31-33  
(MIRA 9:2)  
D '55.

1. Sverdlovskiy gornyy institut imeni V.V. Vakhrusheva  
(Electricity in mining)

BREDIKHIN, Aleksandr Nikolayevich; FAYBISOVICH, I.L., otvetstvennyy  
redaktor; ZAPREYEVA, K.A., otvetstvennyy redaktor; KOROVENKOVA,  
Z.A., tekhnicheskiy redaktor; ALADOVA, Ye.I., tekhnicheskiy  
redaktor

[Electrification of mines] Elektrifikatsiya gornykh razrabotok.  
Moskva, Ugletekhnizdat, 1956. 521 p. (MLRA 9:10)  
(Electricity in mining)

8(3)

SOV/112-59-4-6934

Translation from: Referativnyy zhurnal. Elektrotehnika, 1959, Nr 4, p 73 (USSR)

AUTHOR: Bredikhin, A. N.

TITLE: Improvement of Electrical Supply to Underground Mines

PERIODICAL: V sb.: Gorn. elektrotehnika, M., Ugletekhizdat, 1957, pp 533-536

ABSTRACT: Measures are recommended for improving electrical supply and electrical-equipment operation in underground mines. The main measures are: adoption of 660-v voltage, wide use of surface field transformer vaults for supplying the underground systems through bore holes at a depth of 100-120 m, using mobile substations on wheels or other vehicles for underground fields.

I. V. Kh.

Card 1/1

SHEVYAKOV, Lev Dmitriyevich, akademik; BREDIKHIN, Aleksandr Nikolayevich,  
dotsent; RATNIKOVA, A.P., red.izd-va; SABITOV, A., tekhn.red.

[Mine water pumping] Shakhtnyi vodootliv. Izd.5., perer. Moskva,  
Gos.nauchno-tekhn.izd-vo lit-ry po gornomu delu, 1960. 354 p.  
(MIRA 13:9)

(Mine water)

(Mine pumps)

BREDIKHIN, A.N., prof.; POROTSKIY, Yu.I., kand.tekhn.nauk

"Mine lighting" by M.M. Fotiev, N.L. Sheviakov.

Reviewed by A.N. Bredikhin, IU.I. Porotskii.

Ugol' 37 no.9:61-62 S '62.

(MIRA 15:9)

1. Zaveduyushchiy kafedroy gornoj elektrotekhniki  
Sverdlovskogo gornogo instituta im. Vakhrusheva (for  
Bredikhin).

(Mine lighting)

(Fotiev, M.M.)

(Sheviakov, N.L.)

AYZENMAN, B.Ye. [Aizenman, B.IU]; MANDRIK, T.P. [Mandryk, T.P.];  
SHVAYER, M.O. [Shvaiher, M.O.]; BREDIKHINA, A.N. [Bredikhina, A.M.];  
BONDARENKO, A.S.

Testing the antitumorigenic activity of extracts from higher  
plants in vitro. Mikrobiol. zhur. 25 no.4:46-52'63.  
(MIRA 16:9)

1. Institut mikrobiologii AN UkrSSR.  
(MATERIA MEDICA, VEGETABLE) (CYTOTOXIC DRUGS)

AYZENMAN, B.Ye; [Aizenman, B.IU]; SHVAYGER, M.O. [Shvaiher, M.O.];  
MANDRIK, T.P. [Mandryk, T.P.]; BREDIKHINA, A.N. [Bredikhina, A.M.]

Testing the antitumorigenic activity of alkaloids. Mikrobiol.  
zhur. 25 no.4:52-57'63. (MIRA 16:9)

1. Institut mikrobiologii AN UkrSSR.  
(ALKALOIDS) (CYTOTOXIC DRUGS)

BREDIKHIN, B.M.

"Characters of Numerical Subgroups with Sufficiently Sparse Basis," B.M. Bredikhin  
DAN SSSR, Vol 90, no.5, pp 707-710, 11 June 1953

Generalizes results for summatory functions of characters of numerical subgroups with finite basis (see N.G. Chudakov and A.K. Pavlyuchuk, Trudy Matemat In-ta imeni Steklova, 38, 366 (1951)) for the case of an infinite sufficiently sparse basis. Author's aim is to demonstrate the following theorem: if one of the normed characters is  $X(w_k)=1$  and the finite number  $\pi(x)$  of basic numbers of subgroup G is given by  $\pi(x)=O(\lg x)$ , then the summatory function  $H(x)$  of character  $X(a)$  is given by  $H(x)=O(x^m)$  ( $0 < m < 1$ ). Acknowledges advice of Prof. N.G. Chudakov. Presented by I.M. Vinogradov 10 April 1953

260T78

BREDINER, B. M.

Dissertation: "Characters of Numerical Semigroups With Finite and Infinite Sufficiently Sparse Base." Cand Phys-Math Sci, Saratov State U, Saratov, 1953.  
Referativnyy Zhurnal--Matematika, Moscow, May 54.

SO: SUM 284, 26 Nov 1954

BREDIKHIN, B.M.

Summatory functions of characters of numerical semi-groups.  
Dokl.AN SSSR 94 no.4:609-612 F '54. (MLRA 7:2)  
(Groups, Theory of)

Bredikhin, B. M.

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress (Cont.) Moscow,  
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COVERAGE: The volume deals with Russian contributions.  
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